

AMENDMENTS TO THE ABSTRACT:

Please insert the following Abstract after the claims pages:

An isolated and purified human immunodeficiency virus type 1 (HIV-1) mutant gp120 envelope glycoprotein containing an amino acid mutation in position 112 which contains replacement of W with S, I, or F, wherein the numbering scheme is based upon the molecular clone HxBc2.

A copy of the Abstract is attached hereto as a separate sheet.